PCT/US98/05818

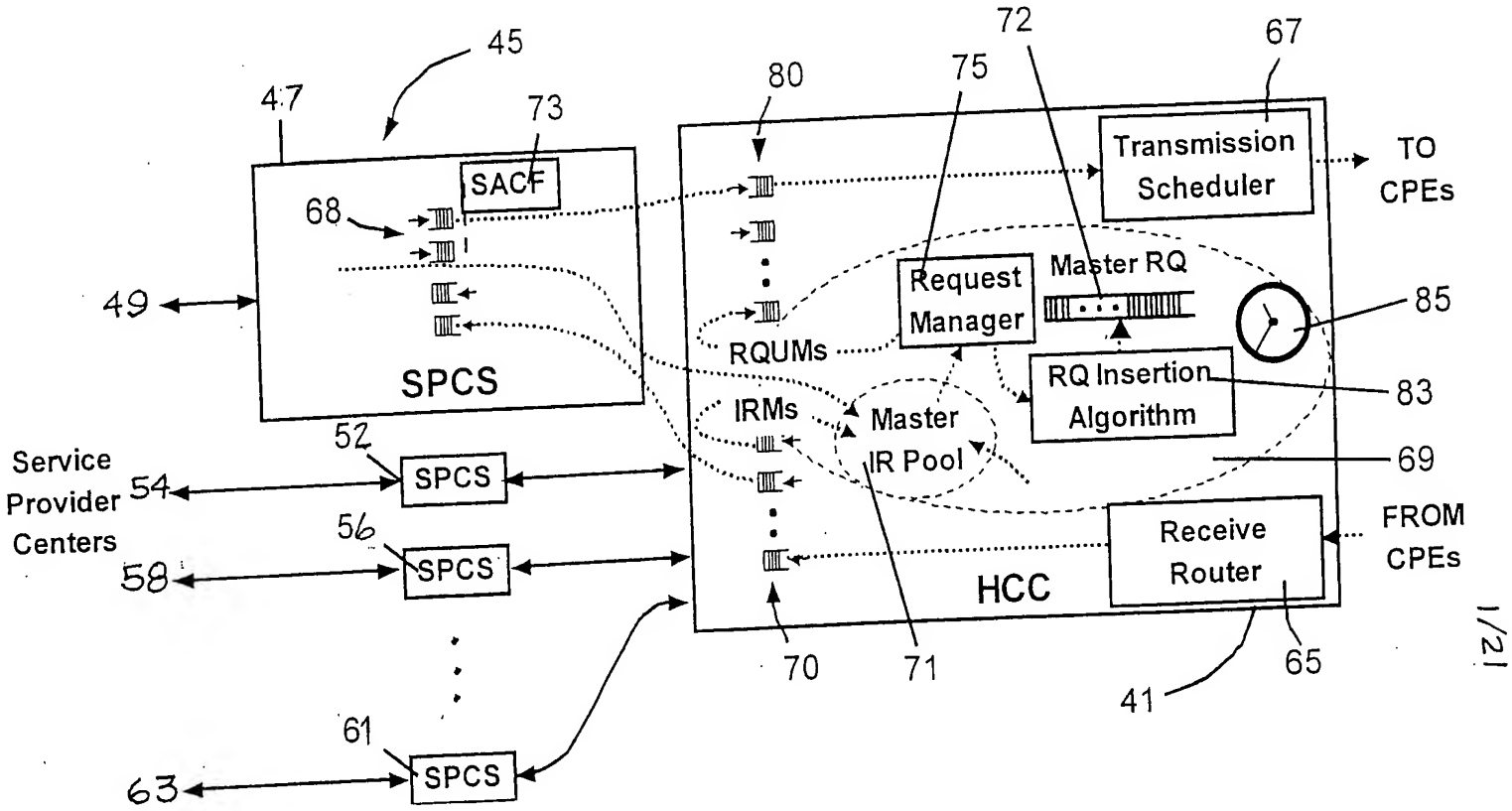
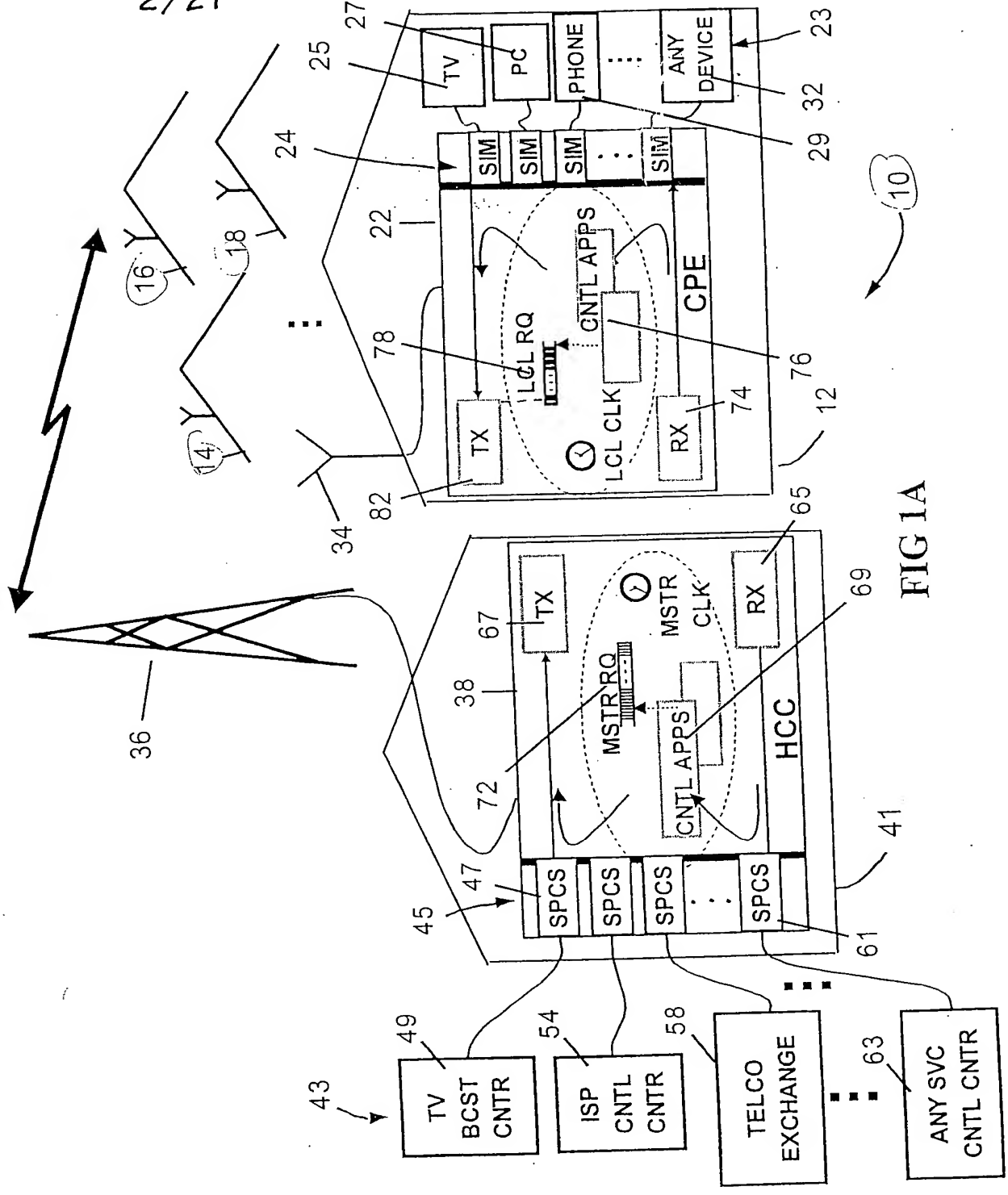


FIG 1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72
74
76
78
82
TV
PC
PHONE
ANY DEVICE
SIM
CPE
CNTL APPS
LCL RQ
LCL CLK
TX
RX
HCC
MSTR RQ
MSTR CLK
SPCS
TV BCST CNTR
ISP CNTL CNTR
TELCO EXCHANGE
ANY SVC CNTL CNTR

FIG 1A

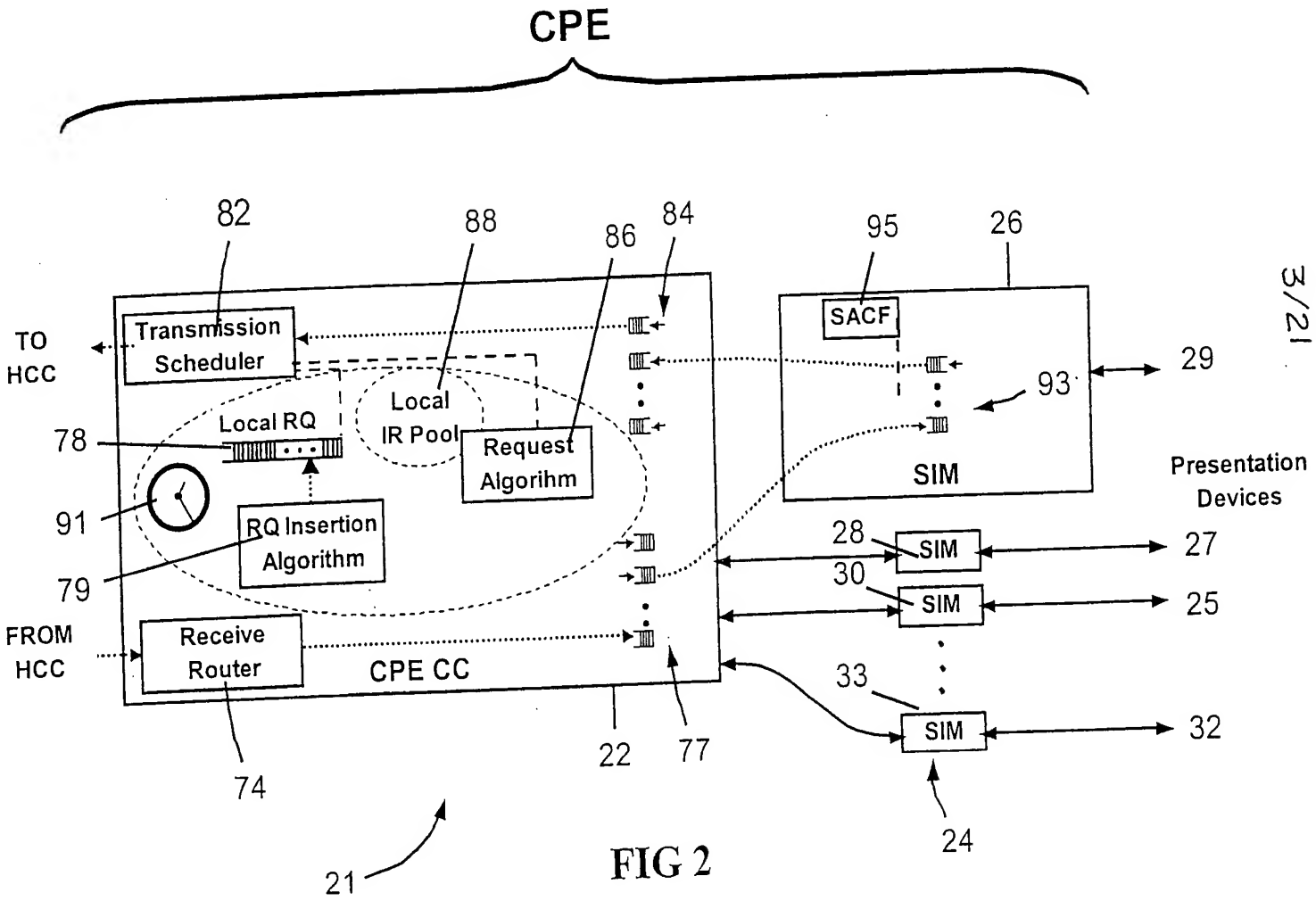


FIG 2

PCT/US95/05998

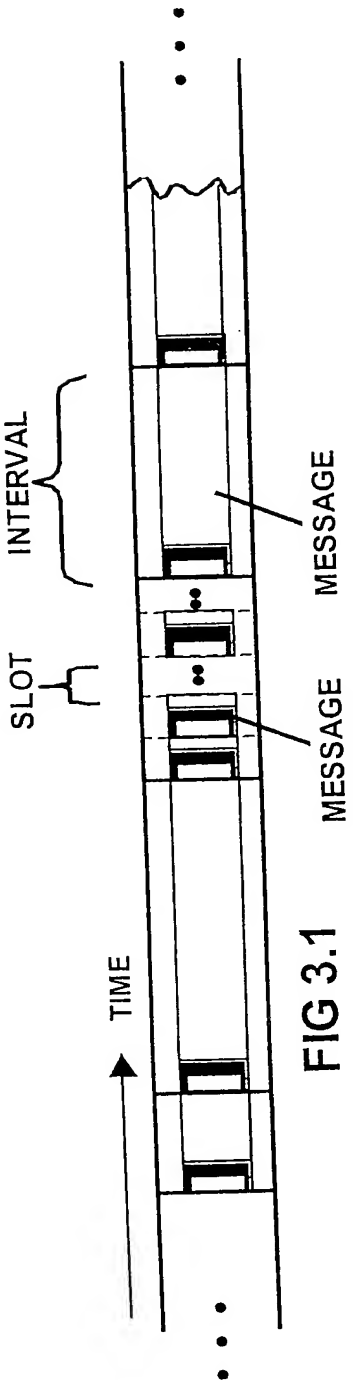


FIG 3.1

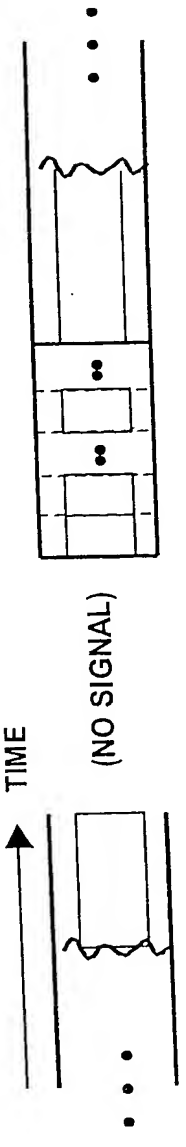


FIG 3.2

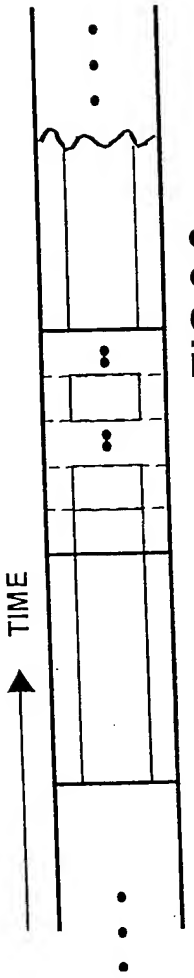


FIG 3.3

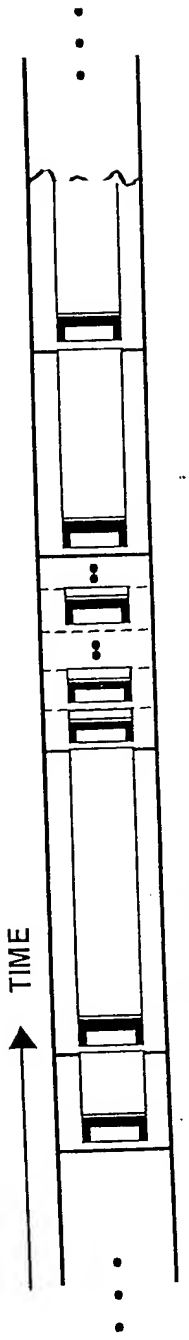


FIG 3.4

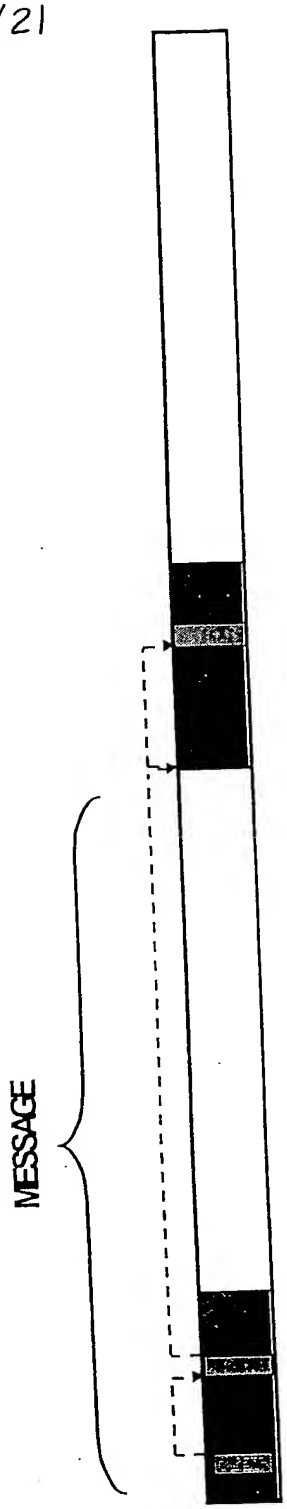
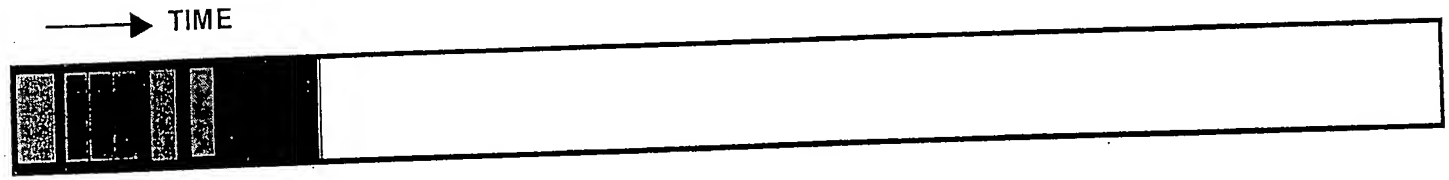


FIG 4

BEST AVAILABLE COPY



Message Payload
Message Header
Acquisition Sequence
DTA Data Structure
Address
Application ID
Type and Priority
Message Length field

FIG 5

BEST AVAILABLE COPY

PCT/US00/15505

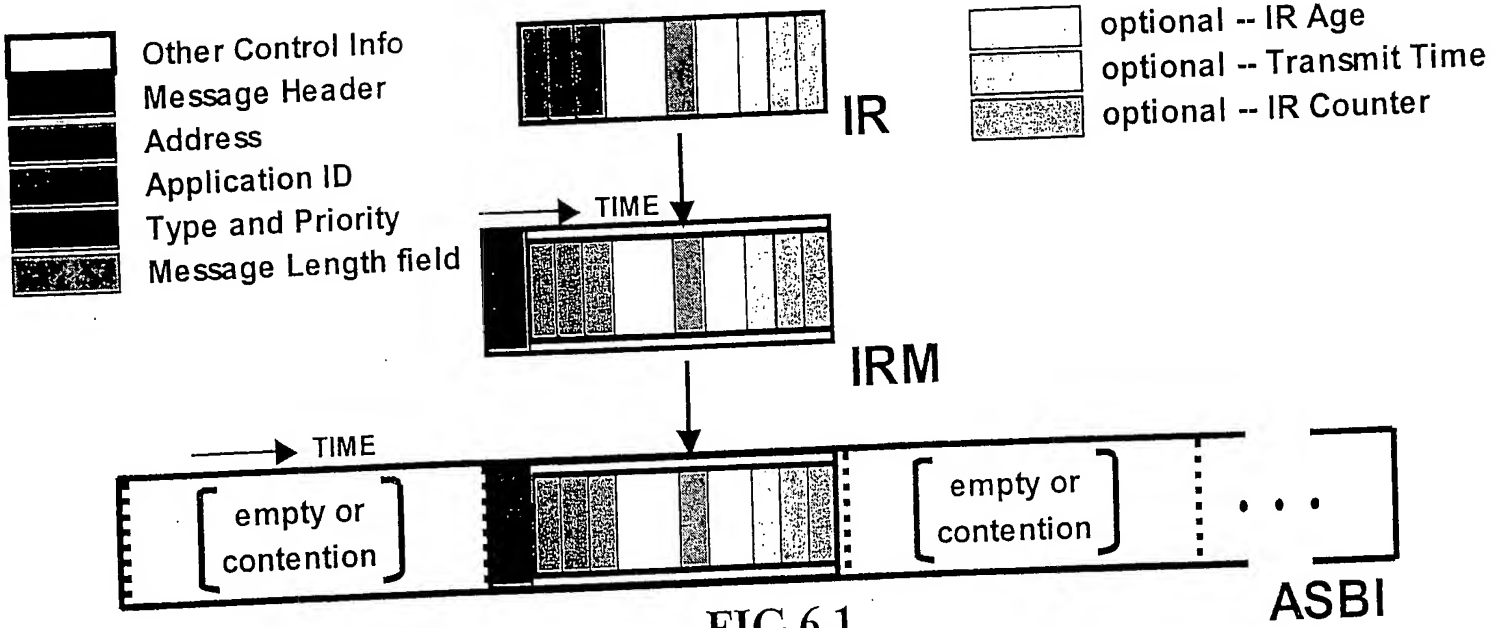


FIG 6.1

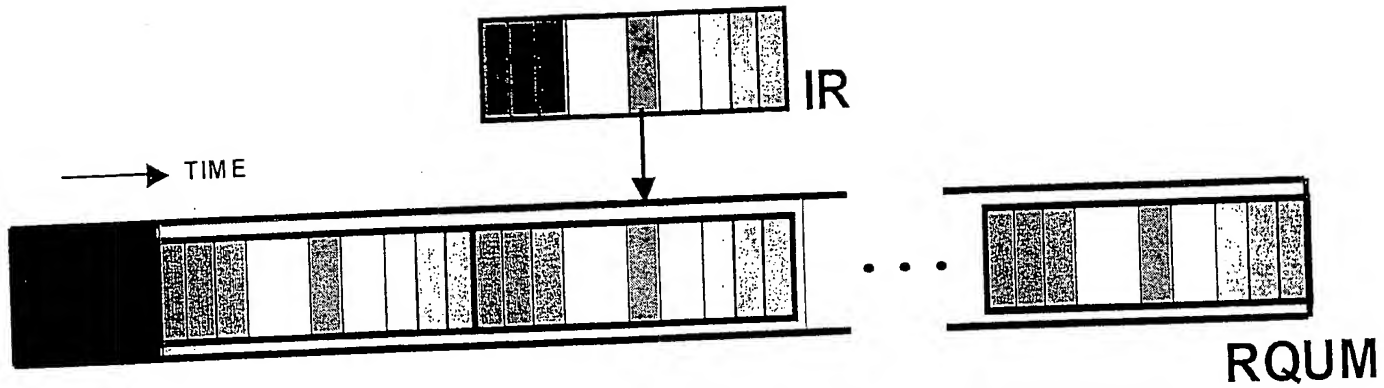
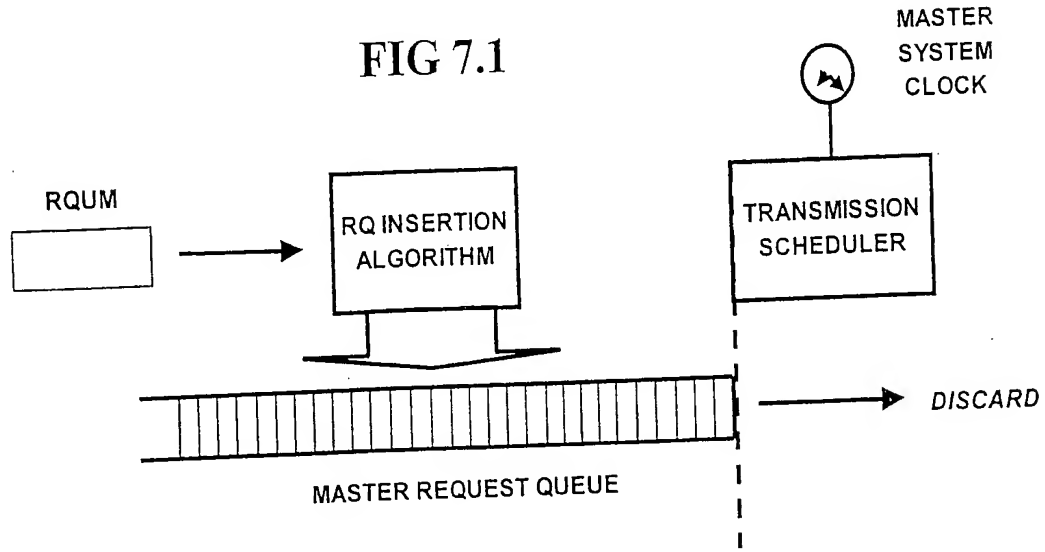


FIG 6.2

BEST AVAILABLE COPY

FIG 7.1



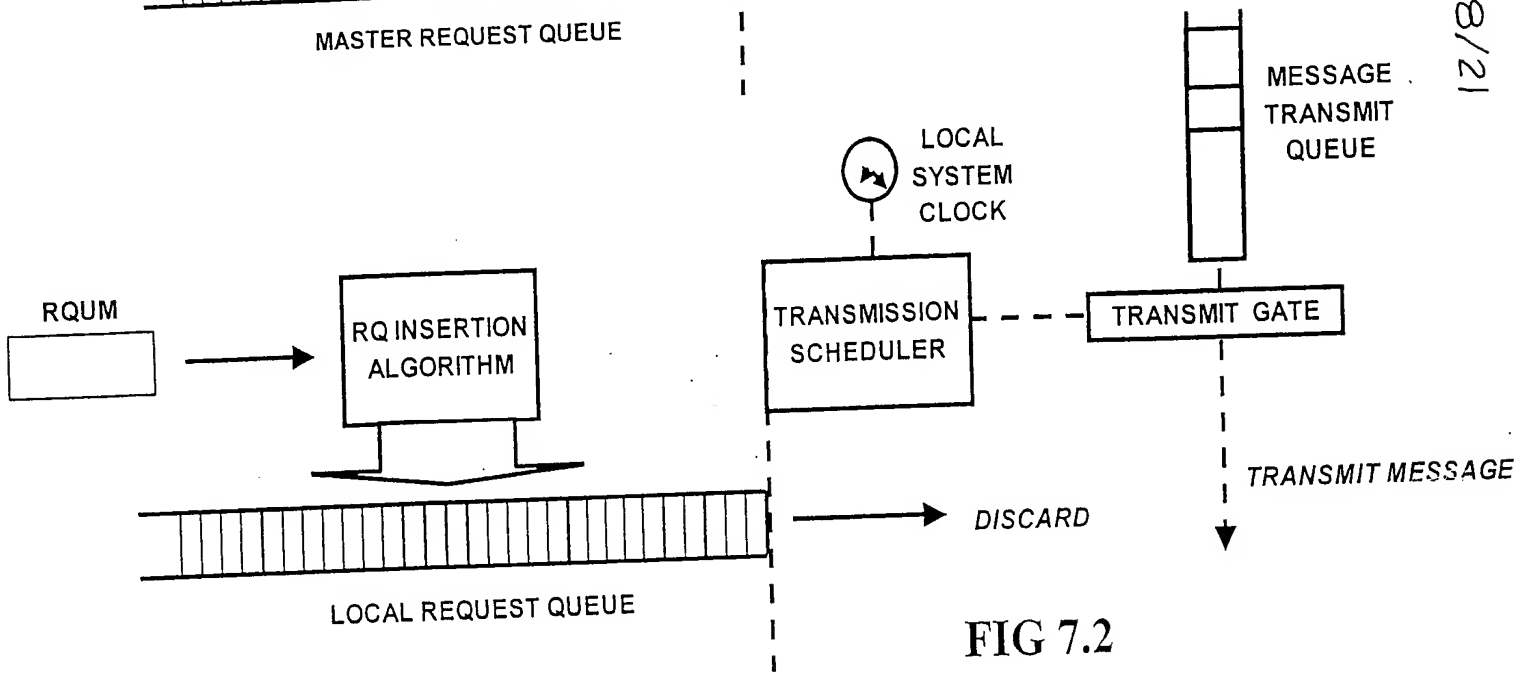


FIG 7.2

09/05/2005, 9:15:26 PM

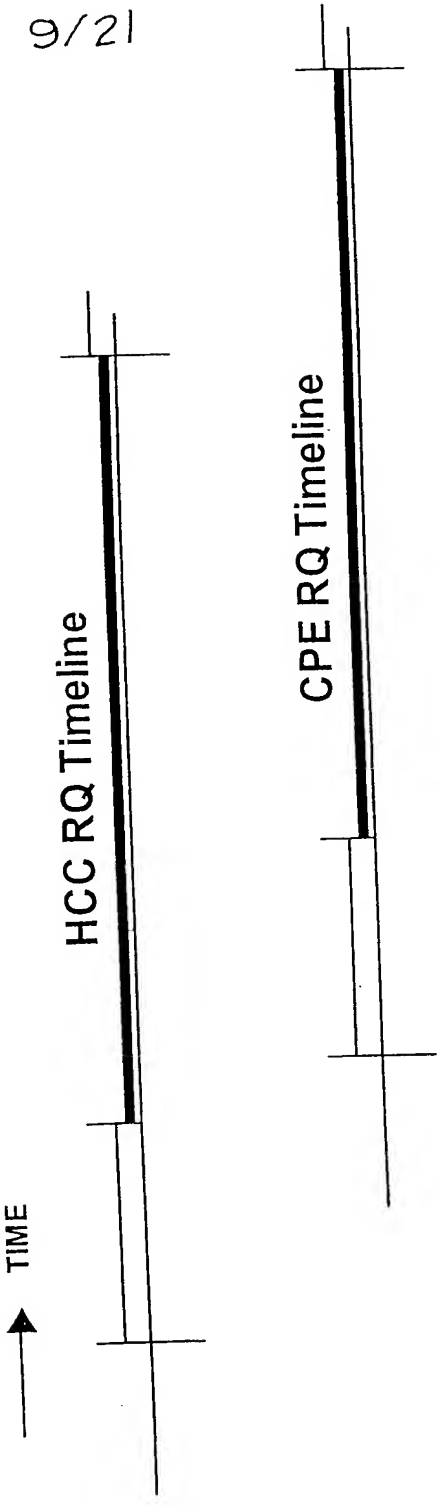


FIG 8

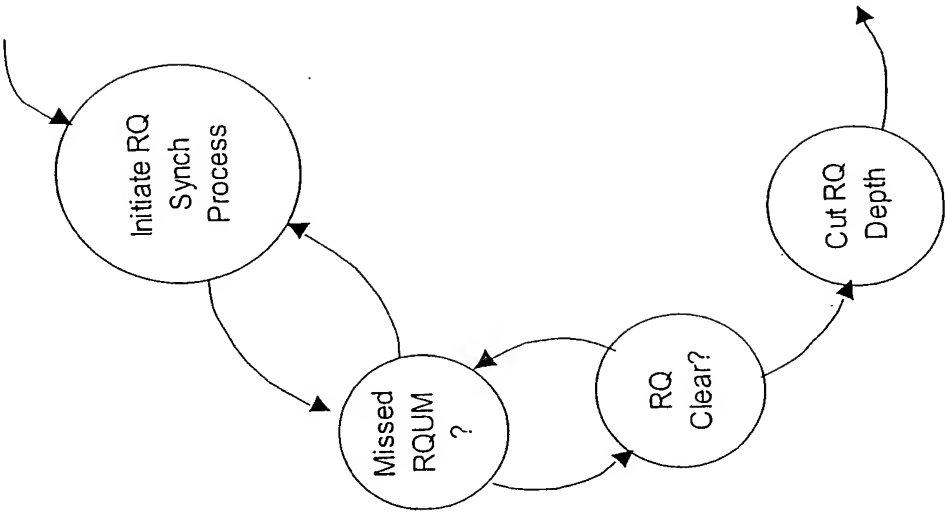


FIG 9

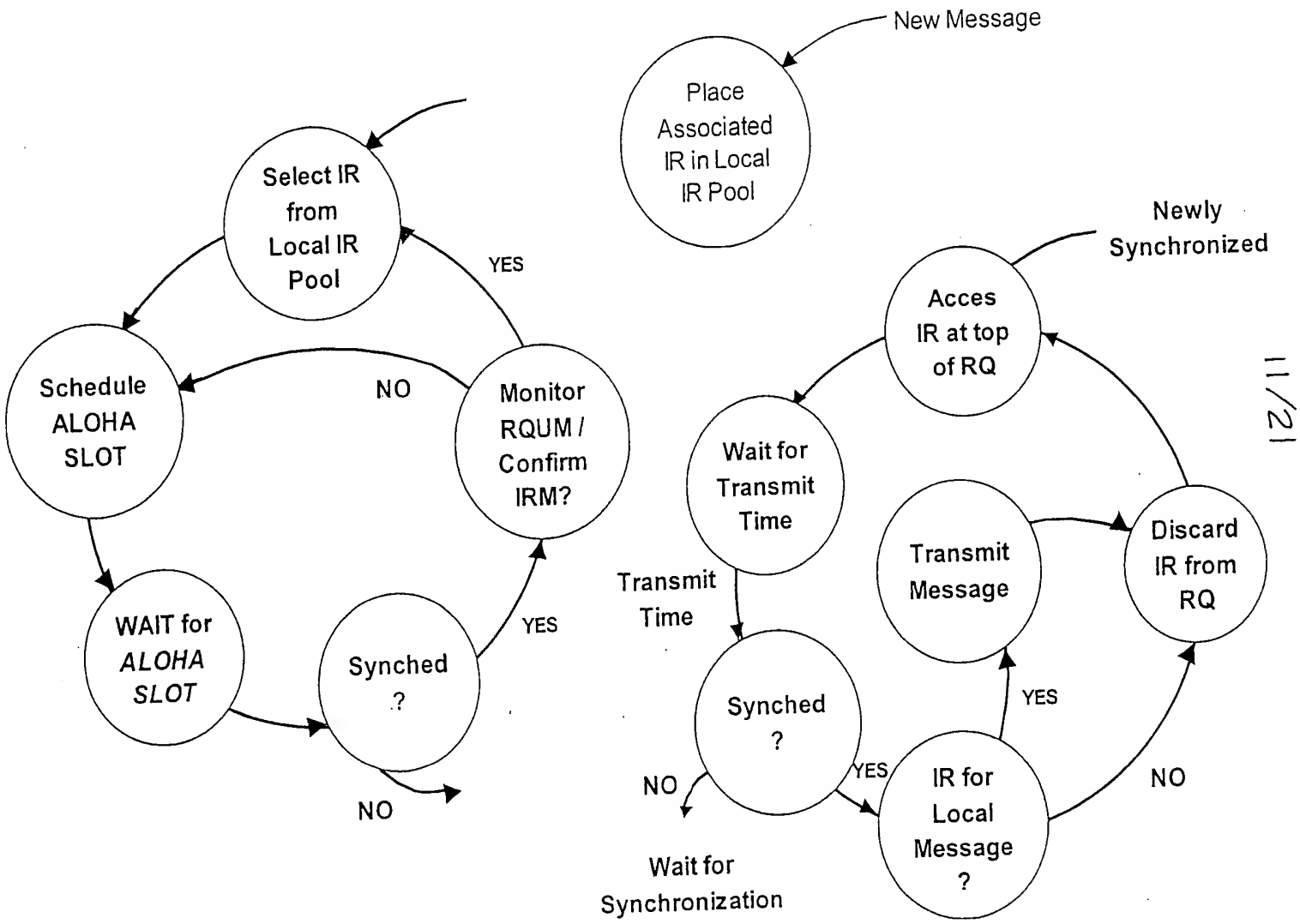

New Message
Place Associated IR in Local IR Pool
Select IR from Local IR Pool
YES
Schedule ALOHA SLOT
NO
Monitor RQUM / Confirm IRM?
WAIT for ALOHA SLOT
Synched ?
YES
NO
Newly Synchronized
Acces IR at top of RQ
Wait for Transmit Time
Transmit Time
Transmit Message
Discard IR from RQ
Synched ?
YES
NO
IR for Local Message ?
YES
NO
Wait for Synchronization

FIG 10

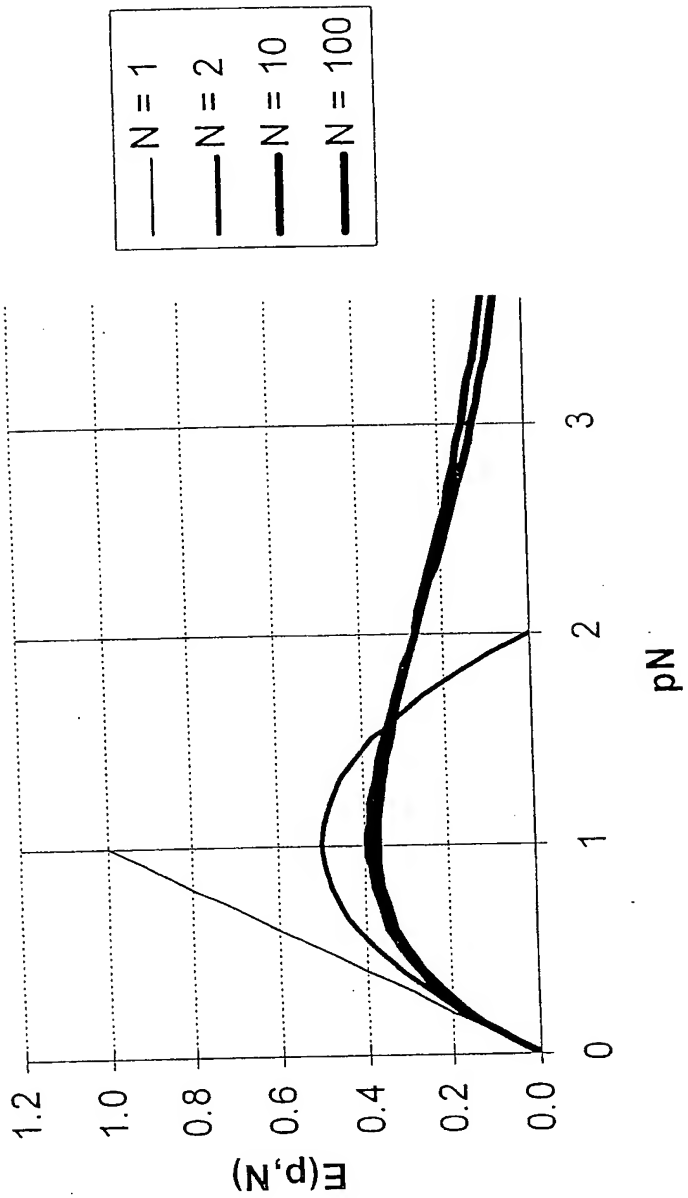
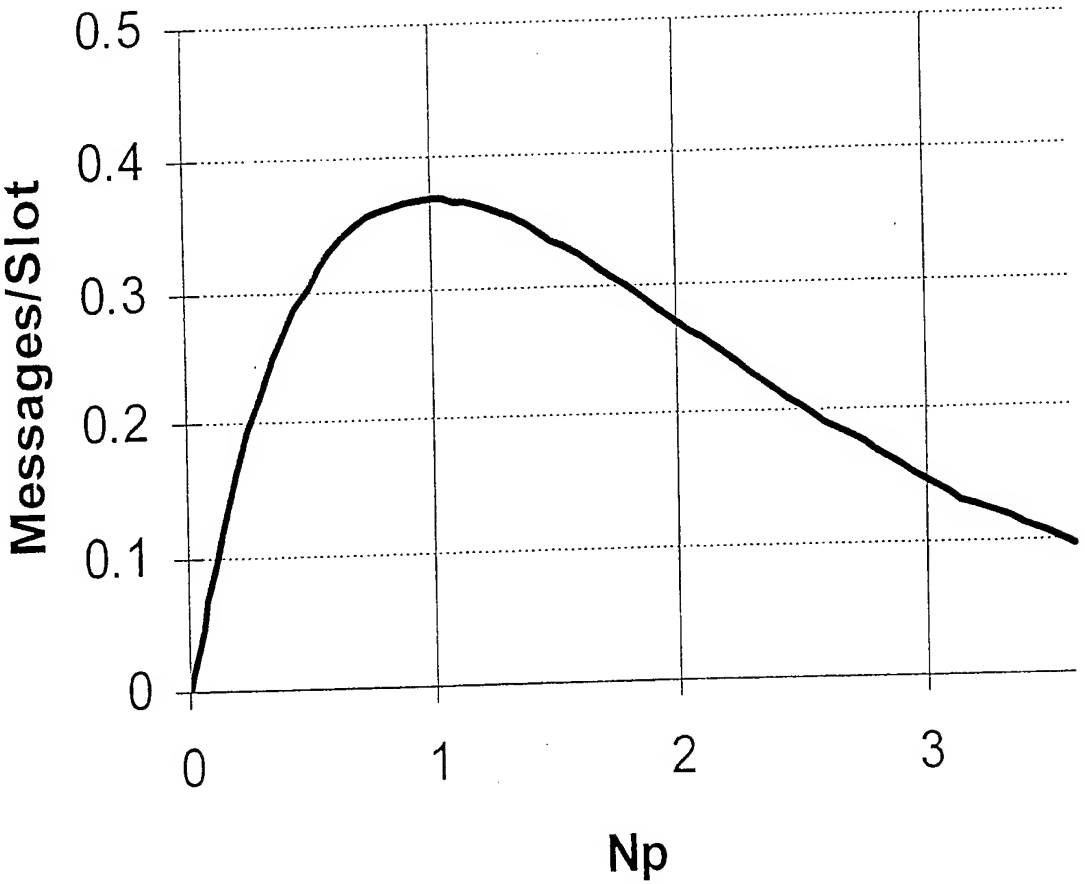


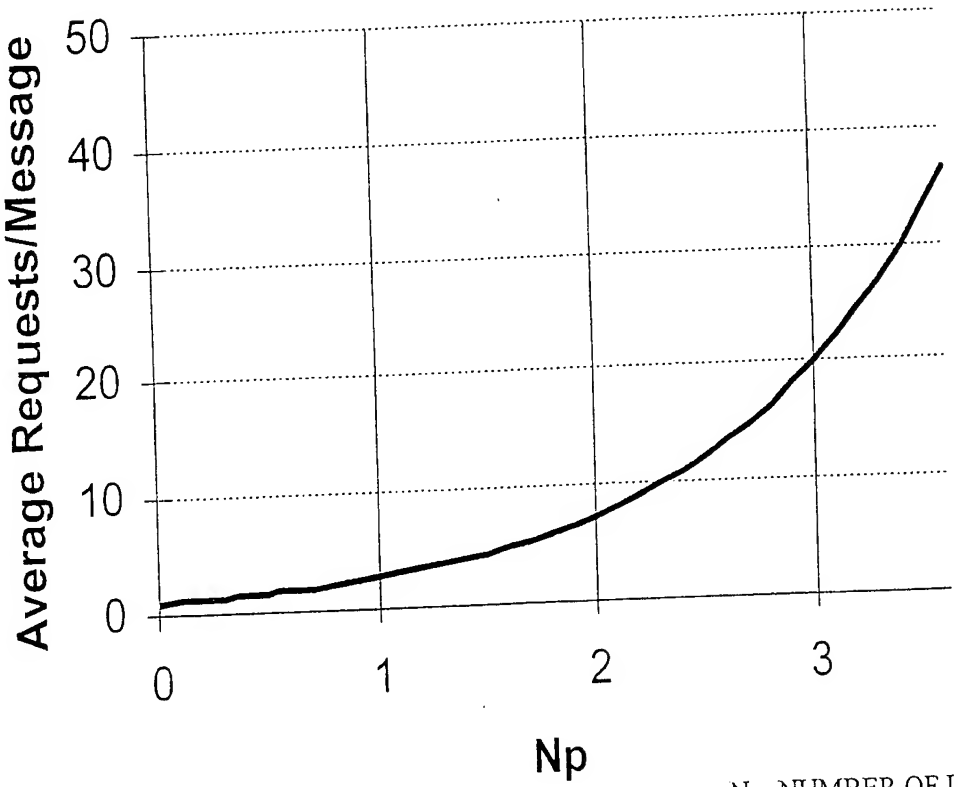
FIG 11



N = NUMBER OF USERS, N LARGE
p = PROB OF A BSDP IR
ATTEMPT IN AN ALOHA SLOT

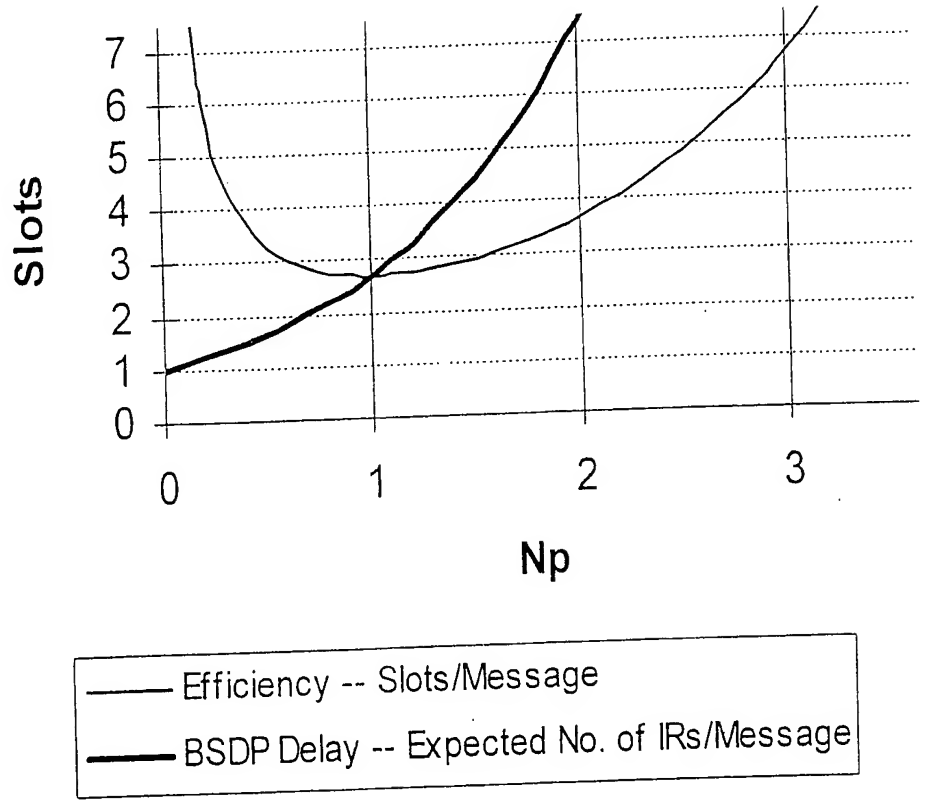
FIG 12

SUBSTITUTE SHEET (RULE 26)



N = NUMBER OF USERS, N LARGE
p = PROB OF BSDP IR ATTEMPT IN AN ALOHA SLOT

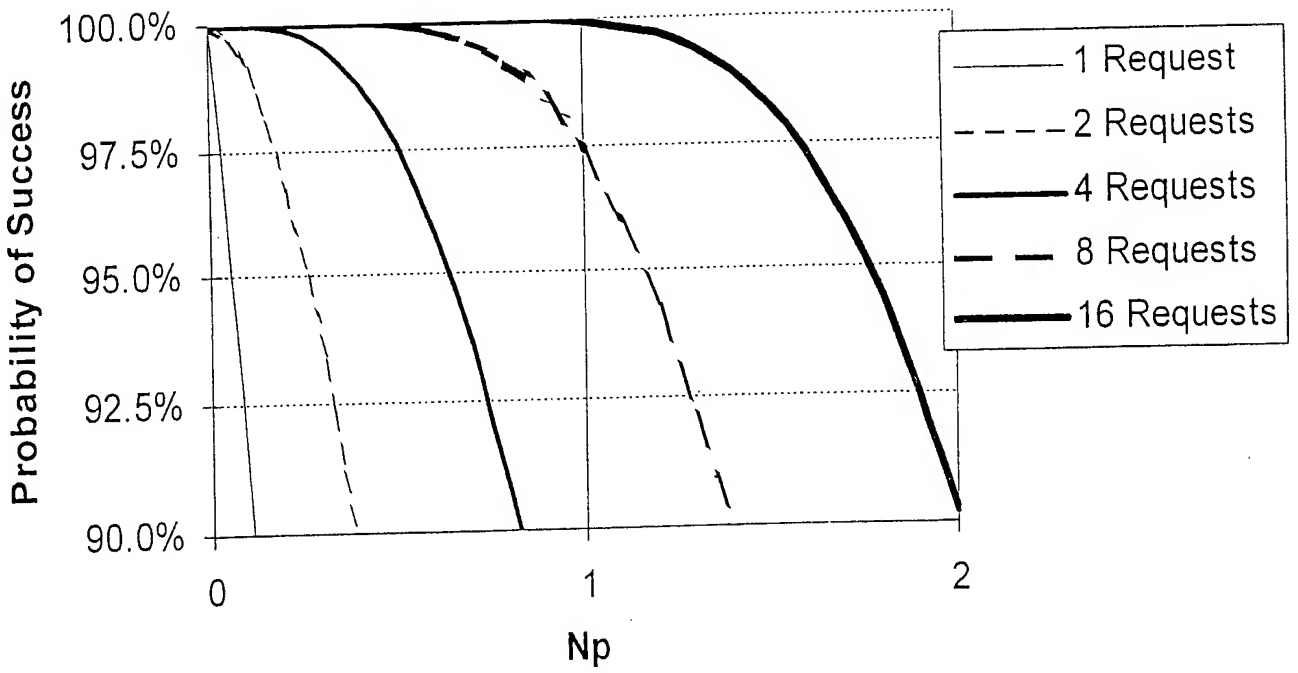
FIG 13



N = NUMBER OF USERS, N LARGE
p = PROB OF BSDP IR ATTEMPT IN AN ALOHA SLOT

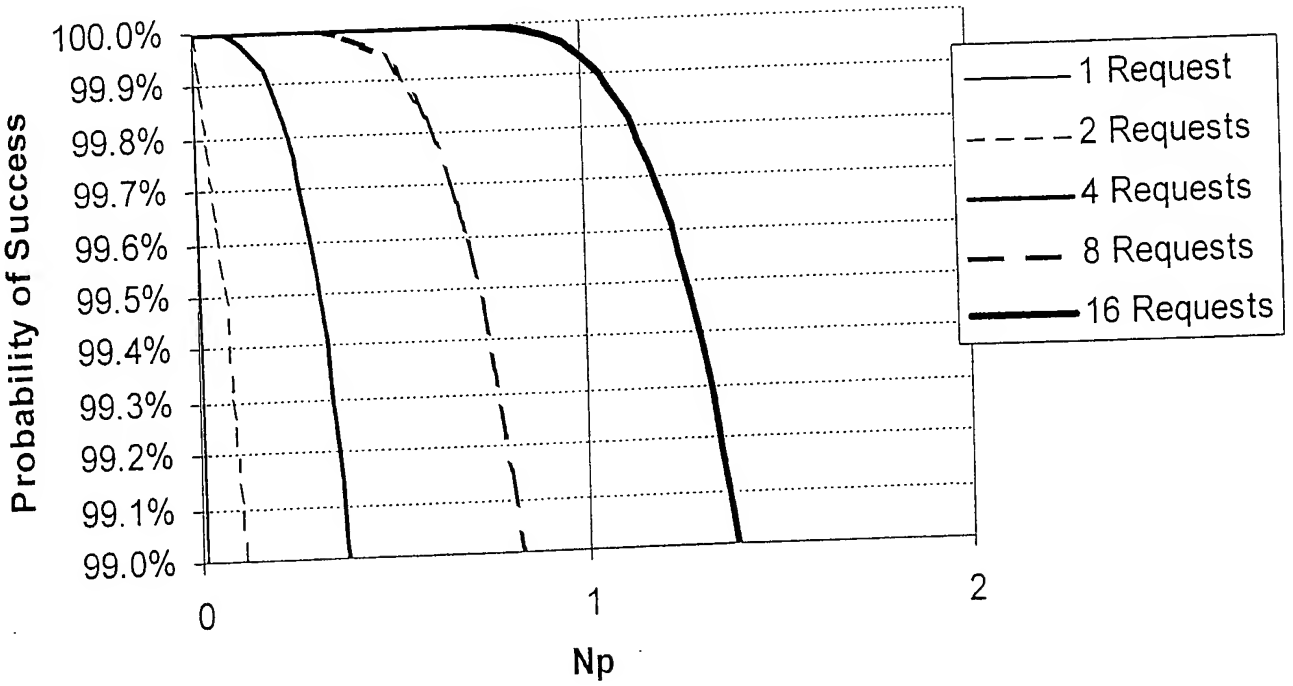
FIG 14

SUBSTITUTE SHEET (RULE 26)



N = NUMBER OF USERS, N LARGE
p = PROB OF BSDP IR ATTEMPT IN AN ALOHA SLOT

FIG 15A



N = NUMBER OF USERS, N LARGE
p = PROB OF BSDP IR ATTEMPT IN AN ALOHA SLOT

FIG 15B

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86650/95051.1.pdf

Np for Given Probability of Success with Request Limit					
Probability Of Success	Number of Request Attempts				
	16	8	4	2	1
99.9999%	0.6	0.2			
99.9990%	0.7	0.3			
99.9900%	0.8	0.4	0.1		
99.9000%	1	0.6	0.2		
99.0000%		0.8	0.4	0.1	
98.0000%		0.9	0.5	0.1	
95.0000%			0.6	0.2	
90.0000%			0.8	0.4	0.1

N = NUMBER OF USERS, N LARGE
p = PROB OF BSDP IR ATTEMPT IN AN ALOHA SLOT

FIG 16

18/21

SUBSTITUTE SHEET (RULE 26)

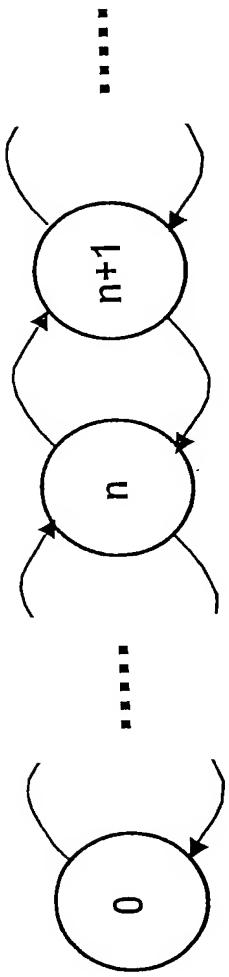

FIG 17

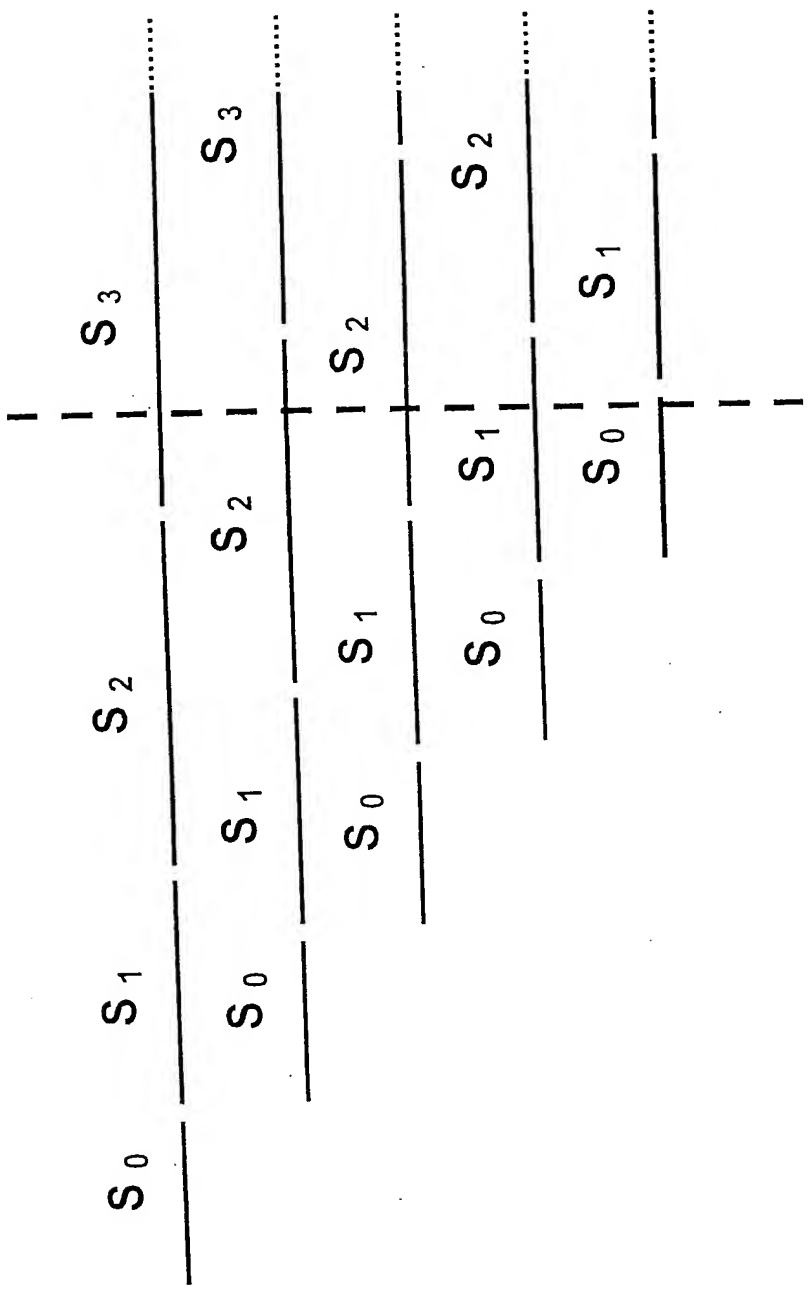

FIG 19